

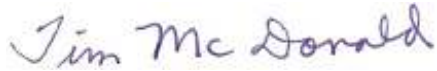
TDEC Small MS4 Annual Report
July 1, 2008– June 30, 2009
Report due September 30, 2009

Permittee Tracking No. TNS075566

Permittee Name: Hamilton County Phase II MS4s

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in part 6.7 of the small MS4 general permit.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."



Signed _____

9/30/2009

Dated _____

Timothy McDonald, Program Manager, Hamilton County Water Quality Program
Printed Name and Title

Send the annual report to the two addresses shown on the next page.

**Submit your annual report to the Environmental Assistance Center
for your county as shown in the map below *and* to the following
address:**

**Chris Moran
Tennessee Division of Water Pollution Control
L&C Annex, 6th Floor
401 Church Street
Nashville, TN 37243-1534**

**Tennessee Department of Environment and Conservation
Environmental Assistance Center Boundaries
1-888-891-TDEC**

Jackson EAC (J) 362 Camargo House Drive Jackson, TN 38305-2222 fax 731-681-6283 731-512-1300 WPC Mgr - Pat Patrick EAC Mgr - Rudy Collins Env. Coord - Vaughn Cassidy Administrator - Carol Pollen	Nashville EAC (N) 711 R.S. Gass Boulevard Nashville, TN 37243 fax 615-687-7078 615-687-7000 WPC Mgr - Joe Holland EAC Mgr - Brenda Apple Env. Coord - Charles Jobe Administrator - Steve Jones	Cookeville EAC (CK) 1221 South Willow Avenue Cookeville, TN 38506 fax 931-432-6952 931-432-4015 WPC Mgr - Fran Baker EAC Mgr - Jimmy Lee Clark Env. Coord - John Bowers Administrator - D. Jan Tallett	Johnson City EAC (JC) 2305 Silverdale Road Johnson City, TN 37601-2162 fax 423-854-5401 423-854-5400 WPC Mgr - Andrew Tolley EAC Mgr - Mark Braswell Env. Coord - Janice Bowers Administrator - Larna Smith
Jackson	Nashville	Cookeville	Johnson City
Memphis	Columbia	Chattanooga	Knoxville
Memphis EAC (M) Suite E-645, Perimeter Park 2510 Mount Moriah Road Memphis, TN 38115-1520 fax 901-388-7979 901-368-7939 WPC Mgr - Terry Templeton EAC Mgr - Jim Chaney Env. Coord - Vaughn Cassidy Administrator - Bill Reiker	Columbia EAC (CL) 2484 Park Plus Drive Columbia, TN 38401 fax 931-380-3397 931-380-3371 WPC Mgr - Tim Wilder EAC Mgr - Joe Holmes Env. Coord - John Bowers Administrator - Shelia Woodard	Chattanooga EAC (CH) Suite 550, State Office Bldg. 540 McCallie Avenue Chattanooga, TN 37402 fax 423-634-6389 423-634-5745 WPC Mgr - Richard Urban EAC Mgr - Stan Boyd Env. Coord - Administrator - Andrea Kelley	Knoxville EAC (K) Suite 220, State Plaza 2700 Middlebrook Pike Knoxville, TN 37921 fax 865-594-6105 865-594-6035 WPC Mgr - Paul Schmierbach EAC Mgr - Phil Chambers Env. Coord - Mark Penland Administrator - Mark Sweat

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1/9/03

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I. Status of Compliance with Permit Conditions (5.4.1) Six Minimum Measures, BMPs and Milestones

A. Status of Compliance with BMP Milestones

The following table is designed for you to report the status of your progress in implementing storm water management BMPs. The table includes a list of BMPs by the code number. These BMP codes refer to the BMPs, and the respective codes, that you submitted to us in your NOI. [Or, in annual reports for years 2-5, these codes refer to amended BMPs as you reported to us in the previous year's annual report]. Add rows if you have more than four BMPs; e.g., 1A, 1B, 1C, 1D, 1E, 1F.

Likewise, the milestone refers to the Year 3 milestone that you included in your NOI. [Or, in subsequent annual reports, the milestone refers to the milestone that you reported to us in the previous year's annual report.]

You must check Yes or No for each of the BMPs that you submitted in your NOI. (N/A has been placed in the Yes column for each BMP that did not have a Year 3 milestone.)

- Check **Yes** if the BMP is essentially unchanged and you accomplished the milestone. Indicate a date of completion.
- Check **No** if you did not accomplish the milestone. If you check No, and you are not changing or replacing the BMP or the milestones, indicate the date you expect to complete the milestone.
- Check in one of the **Amended** columns if you wish us to recognize an amended BMP or an amended milestone. If you are amending the BMP, most likely you will also need to amend the milestone, and in that case, check both Amended BMP and Amended Milestone. If the BMP is unchanged, but you are changing milestones in subsequent years, check in the Amended Milestones column.
- If you indicate an amended BMP or milestone, then you should check in last column as well, indicating that you describe the amendment below and provide the necessary analysis in Part VIII.

BMP Code	Milestone	Yes	No	Date completed or If "No," Date to be completed	Amended/Replaced		An "Amended" response is described below and in Part VIII. Yes/No
					BMP	Milestones	
1A	Year 6	√		8/4/2008			
1B	Year 6	√		09/27/2008			
1C	Year 6	√		2008-2009			
1D	Year 6	√		2008-2009			
1E	Year 6	√		10/1/08 and 6/2/09			
1F	Year 6	√		Year Round			
1G	Year 6	√		Year Round			
1H	Year 6	√		Year Round			

BMP Code	Milestone	Yes	No	Date completed or If "No," Date to be completed	Amended/Replaced		An "Amended" response is described below and in Part VIII Yes/No
					BMP	Milestones	
1I	Year 6	✓		Year Round			
2A	Year 6	✓		Year Round			
2B	Year 6	✓		Year Round			
2C	Year 6	✓		Year Round			
2D	Year 6	✓		10/4/2008			
3A	Year 6	✓		Year Round			
3B	Year 6	✓		Year Round			
3C	Year 6	✓		Year Round			
3F	Year 6	✓		5/16/2008			Updated 5/16/08
4A	Year 6	✓		1/1/08			
4B	Year 6	✓		Year Round			
4E	Year 6	✓		12/5/2007			
4F	Year 6	✓		12/5/2007			
4G	Year 6	✓		1/1/2008			
5A	Year 6	✓		1/1/2008			
5B	Year 6	✓		Year Round			
5C	Year 6	✓		1/1/2008			
5D	Year 6	✓		1/1/2008			
5E	Year 6	✓		1/1/2008			
5F	Year 6	✓		1/1/2008			
5I	Year 6	✓		1/1/2008			
6A	Year 6	✓		2/27/2008			
6B	Year 6	✓		Year Round			
6C	Year 6	✓		03/27/09			Updated training on 3/27/09

B. Status of compliance for *amended and replaced BMPs*

For every amended/replaced BMP and/or milestone above, provide the compliance status with respect to the new milestone for this year. The new milestones must be detailed in Appendix A.

BMP Code	Milestone	Milestone Description	Yes	No	Date completed or If "No," Date to be completed

Explanation for "No" Responses in either table above

BMP Code	Explanation for "No" Response

II. Assessment of the appropriateness of identified BMPs (5.4.1)

For every BMP or amended BMP, assess the appropriateness of the BMP in the following table. For the second year annual report, assume "Good" unless you have evidence to support an inappropriate, minimal or superior assessment.

BMP Code	Short title	We consider the listed BMP appropriate to the following degree:				
		Inappropriate	Minimal	Good	Superior	
1A	School curriculum			✓		
1B	Illicit Discharge Education			✓		
1C	Public Education on Construction Site Requirements			✓		
1D	Household Hazardous Wastes, Pet Wastes, Fertilizers, Pesticides, and Illegal Dumping			✓		
1E	Contractor Education for Erosion Control			✓		
1F	Professional Education for Post-Construction Program			✓		

BMP Code	Short title	We consider the listed BMP appropriate to the following degree:				
		Inappropriate	Minimal	Good	Superior	
1G	Outreach			✓		
1H	MS4 Support Group			✓		
1I	Employee Training			✓		
2A	Hotline			✓		
2B	Construction/post construction enforcement			✓		
2C	Illicit discharge detection & elimination			✓		
2D	Public participation opportunities			✓		
3A	System map and inventory			✓		
3B	Illicit discharge detection and elimination program			✓		
3C	Ordinance			✓		
3F	Priority detection sites			✓		
4A	BMP Manual on erosion control			✓		
4B	Ordinance			✓		
4E	Site inspection and enforcement procedures			✓		
4F	Plans review			✓		
4G	Permitting			✓		
5A	BMP Manual for post construction runoff controls			✓		
5B	Ordinance			✓		
5C	Total suspended solids (TSS) removal			✓		
5D	Peak flow controls			✓		
5E	Maintenance and inspection agreement with deed			✓		
5F	Buffer zone requirement			✓		
5I	Plans review			✓		
6A	Stormwater pollution prevention plans (SP3) for municipal facilities			✓		
6B	SRP for facilities			✓		
6C	In-house training program			✓		

III. Progress with respect to MEP and Measurable Goals (5.4.1)

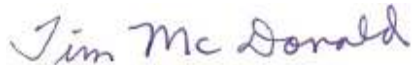
Element 5.4.1 requires you to report progress towards achieving the statutory goal of reducing the discharge of pollutants to the maximum extent practicable (MEP)¹, and the measurable goals for each of the minimum control measures.

A. MEP

Of the 32 BMPs that comprise our storm water management program in the six minimum measures, we have accomplished Year 6 milestones for 32 of 32. This does represent substantial progress in achieving the statutory goal of reducing the discharge of pollutants to the MEP.

B. Measurable goals

Of the 32 BMPs shown above, we have accomplished Year 6 milestones for 32 of 32. This represents progress toward achieving the measurable goals identified in our original NOI and in this annual report. For the measurable parameters/goals we have been able to track for this past year, the measurements are recorded in Part IV.



Signed

9/30/09

Dated

Timothy McDonald, Program Manager, Hamilton County Water Quality Program
Printed Name and Title

Go to next page.

IV. Results of Information Collected and Analyzed (5.4.2)

Element 5.4.2 of the permit requires you to report results of information collected and analyzed, if any, during the reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP

A brief summary of information, including analytical and/or non-analytical monitoring results, is listed below. Detailed information is collected and available at the offices of the MS4.

Parameter	Relevant BMP, or Purpose of Information	Conclusions

Go to next page.

V. Planned Activities and Proposed Changes to the Storm Water Management Program (5.4.3 and 5.4.4)

A. Storm water activities planned for next reporting cycle

Element 5.4.3 requires a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule).

The storm water activities planned for the next reporting cycle are the BMPs as reflected in our NOI and as amended (if any) in subsequent annual reports, including this annual report, and are as follows:

BMP Code	Title/Name of BMP	Milestone for next reporting cycle
1A	School curriculum	Continue Project WET Training. Continue purchase & placement of "Journey of the Blob" and "After the Rain" DVD in school libraries.
1B	Illicit Discharge Education	Continue with Education & Outreach from Year 5. Maintain website, County Fair Booth subscription to Waterworks!
1C	Public Education on Construction Site Requirements	Continue Public Education using Waterworks!
1D	Household Hazardous Wastes, Pet Wastes, Fertilizers, Pesticides, and Illegal Dumping	Continue with Public Education using Waterworks! Distribute information at the County Fair.
1E	Contractor Education for Erosion Control	Continue to Support Level I EPSC Course in Chattanooga
1F	Professional Education for Post-Construction Program	Continue to Support Level II EPSC Certification Classes through information and course schedule distribution
1G	Outreach	Continue to update of website and printed media. Program staff to attend public forums to provide information, receive feedback and distribute printed media.
1H	MS4 Support Group	Continue to Coordinate and Support SE TN MS4 Meetings
1I	Employee Training	Continue further Employee Training in Support of Program Goals
2A	Hotline	Continue to Operate Hotline using designated SOP.
2B	Construction/post construction enforcement	Continue to distribute printed media and train the public in the use of the hotline related to enforcement of construction and post-construction controls.
2C	Illicit discharge detection & elimination	Continue answering hotline and performance of follow-up activities to eliminate illicit discharges; document calls and follow-up activities.
2D	Public participation opportunities	Continue to provide information on Public Participation Opportunities, as well as supporting River Rescue, etc.

3A	System map and inventory	Continue Mapping
3B	Illicit discharge detection and elimination program	Continue IDDE program as developed in Year 5. Use CWP's IDDE Guidance Manual
3C	Ordinance	Continue Enforcement
3F	Priority detection sites	Follow up with Non-Stormwater Discharge Inspections
4A	BMP Manual on erosion control	Continue refer others to BMP Manual website
4B	Ordinance	Continue Enforcement
4E	Site inspection and enforcement procedures	Continue with Inspection & Enforcement Procedures in place
4F	Plans review	Continue with Plans Review procedures in place
4G	Permitting	Continue to develop additional tracking components of Permitting Software.
5A	BMP Manual for post construction runoff controls	Continue refer others to BMP Manual website
5B	Ordinance	Continue enforcement
5C	Total suspended solids (TSS) removal	Continue to require engineering support to be submitted with plans showing BMPs associated with TSS removal as included with BMP Manual
5D	Peak discharge controls	Continue to require design details to be submitted with plans showing BMPs associated with peak flow control as included in BMP Manual
5E	Maintenance and inspection agreement with deed	Continue the enforcement of the use of the maintenance and inspection agreements by applicable property owners.
5F	Buffer zone requirement	Continue to require design details to be submitted with plans showing BMPs associated with riparian buffers
5I	Plans review	Continue with Plans Review procedures in place
6A	Stormwater pollution prevention plans (SP3) for municipal facilities	Continue with plan from Year 4 & 5 & 6
6B	SRP for facilities	Continue with plan from Year 4 & 5 & 6
6C	In-house training program	Continue with plan from Year 4 & 5 & 6

A. Additional, significant activities planned for the next reporting cycle are noted below.

Activity	Summary Description	Purpose

B. Proposed changes to storm water management program

Element 5.4.4 requires a report on proposed changes to your storm water management program, including changes to any BMPs or any identified measurable goals that apply to the program elements.

Amended and replacement BMPs (if any) are reflected in Part I.A. and appendix A, and in the above table and will not be repeated here. Additional, proposed changes are noted below.

Change to Program	Summary Description	Rationale

VI. Water Quality Controls for Discharges to Impaired Waterbodies (3.1.2)

The table below lists impaired waterbodies affected by discharges from this MS4, the pollutants of concern, and the two BMPs we believe to be the most significant in controlling discharges of these pollutants.

Stream Name	Pollutants	Priority BMP 1	Priority BMP 2
<i>Spring Creek</i>	<i>Escherichia coli</i>	<i>Illicit discharge detection and elimination program – attempt to identify sewer collection system failures</i>	<i>Promote public active involvement through education and reporting through hotline</i>
<i>S. Chickamauga Creek</i>	<i>Phosphorous; Physical substrate habitat alterations; Escherichia coli; Loss of biological integrity due to siltation</i>	<i>Erosion control plans review; Post construction runoff requirements, permitting, and enforcement for developments</i>	<i>Promote public active involvement through education and reporting through hotline</i>
<i>Ninemile Branch</i>	<i>Low DO; Physical substrate habitat alterations</i>	<i>Promote public use of good storm water practices through education, including effects on storm water from grazing practices</i>	<i>Buffer zone enforcement to reduce continued alterations to stream side or littoral vegetative cover</i>

<i>Rogers Branch</i>	<i>Pesticides; low DO; Physical substrate habitat alterations</i>	Public education regarding use of hazardous substances	Post construction development and erosion control plans review, permitting, and enforcement for developments
<i>N. Chickamauga Creek</i>	<i>pH; Physical substrate habitat alterations</i>	Erosion control plans review; Post construction runoff requirements, permitting, and enforcement for developments	Buffer zone enforcement to reduce continued alterations to stream side or littoral vegetative cover
<i>Unnamed Tributary to Chickamauga Reservoir(near Dallas Rd)</i>	<i>Biological integrity loss due to undetermined cause</i>	To be determined when cause has been found	
<i>Nickajack Reservoir</i>	<i>PCBs; Dioxins (The reasons for impairment of the Nickajack Reservoir is from previous activities)</i>		
<i>Stringers Branch</i>	<i>Escherichia coli; Habitat loss due to alteration in stream-side or littoral vegetative cover</i>	Illicit discharge detection and elimination program; Permit program buffer requirements	Promote active public involvement through education and reporting with the use of hotline
<i>Friars Branch</i>	<i>Loss of Biological integrity due to siltation Nutrients Habitat loss due to alteration in stream-side or littoral vegetative cover Escherichia coli</i>	Illicit discharge detection and elimination program; Permit program buffer requirements	Promote active public involvement through education and reporting with the use of hotline
<i>Ninemile Branch</i>	<i>Low Dissolved Oxygen Physical Substrate Habitat Alteration</i>	Erosion control plans review; Post construction runoff requirements, permitting, and enforcement for developments	Buffer zone enforcement to reduce continued alterations to stream side or littoral vegetative cover
<i>Wolftever Creek</i>	<i>Escherichia coli</i>	Illicit discharge detection and elimination program;	Promote public active involvement through education and reporting through hotline
<i>Wilkerson Branch</i>	<i>Escherichia coli</i>	Illicit discharge detection and elimination program;	Promote public active involvement through education and reporting through hotline

The table below lists impaired waterbodies for which the state has promulgated a TMDL. For the waterbodies indicated, we have complied with the requirements of the permit as noted by the check marks. [The table below includes two columns for two TMDLs. If additional space is needed, add additional table(s).]

	Waterbody Name/ Pollutant of Concern	Waterbody Name/ Pollutant of Concern
Permit Requirement	North Chickamauga Creek/ Siltation/Hab.Alteration	Stringers Branch eColi
3.1.3.1 Is the pollutant likely to be found in storm water discharges from the MS4?	Yes	Yes
3.1.3.2 Does the <u>TMDL</u> include a pollutant waste load allocation, implementation recommendations, or other performance requirements specifically for storm water discharges from your MS4?	Yes	Yes
3.1.3.3 Does the TMDL address a flow regime likely to occur during periods of storm water discharge?	Yes	Yes
3.1.3.4 If the above three questions are true, does implementation of existing storm water control measures meet the TMDL provisions?	Yes	Yes
3.1.3.4 Or are additional control measures are necessary?	No	No
3.1.3.5 Current and planned control measures are documented.	Yes	Yes
3.1.3.6 Describe method to evaluate whether storm water controls are adequate to meet the requirements of the TMDL.	Meeting our Measurable goals constitutes adequate controls	Meeting our Measurable goals constitutes adequate controls
3.1.3.7 If additional or modified controls are necessary, describe the type and schedule for the control additions/revisions.	N/A	N/A

	Waterbody Name/ Pollutant of Concern	Waterbody Name/ Pollutant of Concern
Permit Requirement	Stringers Branch <i>Siltation/Hab. Alteration</i>	South Chickamauga Creek <i>Siltation/Hab. Alteration</i>
3.1.3.1 Is the pollutant likely to be found in storm water discharges from the MS4?	Yes	Yes
3.1.3.2 Does the <u>TMDL</u> include a pollutant waste load allocation, implementation recommendations, or other performance requirements specifically for storm water discharges from your MS4?	Yes	Yes
3.1.3.3 Does the TMDL address a flow regime likely to occur during periods of storm water discharge?	Yes	Yes
3.1.3.4 If the above three questions are true, does implementation of existing storm water control measures meet the TMDL provisions?	Yes	Yes
3.1.3.4 Or are additional control measures are necessary?	No	No
3.1.3.5 Current and planned control measures are documented.	Yes	Yes
3.1.3.6 Describe method to evaluate whether storm water controls are adequate to meet the requirements of the TMDL.	Meeting our Measurable goals constitutes adequate controls	Meeting our Measurable goals constitutes adequate controls
3.1.3.7 If additional or modified controls are necessary, describe the type and schedule for the control additions/revisions.	N/A	N/A

	Waterbody Name/ Pollutant of Concern	Waterbody Name/ Pollutant of Concern
Permit Requirement	Ninemile Branch <i>Siltation/Hab. Alteration</i>	South Chickamauga Creek <i>e.Coli</i>
3.1.3.1 Is the pollutant likely to be found in storm water discharges from the MS4?	Yes	Yes
3.1.3.2 Does the <u>TMDL</u> include a pollutant waste load allocation, implementation recommendations, or other performance requirements specifically for storm water discharges from your MS4?	Yes	Yes
3.1.3.3 Does the TMDL address a flow regime likely to occur during periods of storm water discharge?	Yes	Yes
3.1.3.4 If the above three questions are true, does implementation of existing storm water control measures meet the TMDL provisions?	Yes	Yes
3.1.3.4 Or are additional control measures are necessary?	No	No
3.1.3.5 Current and planned control measures are documented.	Yes	Yes
3.1.3.6 Describe method to evaluate whether storm water controls are adequate to meet the requirements of the TMDL.	Meeting our Measurable goals constitutes adequate controls	Meeting our Measurable goals constitutes adequate controls
3.1.3.7 If additional or modified controls are necessary, describe the type and schedule for the control additions/revisions.	N/A	N/A

	Waterbody Name/ Pollutant of Concern	Waterbody Name/ Pollutant of Concern
Permit Requirement	Spring Creek <i>e.Coli</i>	
3.1.3.1 Is the pollutant likely to be found in storm water discharges from the MS4?	Yes	
3.1.3.2 Does the <u>TMDL</u> include a pollutant waste load allocation, implementation recommendations, or other performance requirements specifically for storm water discharges from your MS4?	Yes	
3.1.3.3 Does the TMDL address a flow regime likely to occur during periods of storm water discharge?	Yes	
3.1.3.4 If the above three questions are true, does implementation of existing storm water control measures meet the TMDL provisions?	Yes	
3.1.3.4 Or are additional control measures are necessary?	No	
3.1.3.5 Current and planned control measures are documented.	Yes	
3.1.3.6 Describe method to evaluate whether storm water controls are adequate to meet the requirements of the TMDL.	Meeting our Measurable goals constitutes adequate controls	
3.1.3.7 If additional or modified controls are necessary, describe the type and schedule for the control additions/revisions.	N/A	

VII. Protection of Listed Threatened or Endangered Species (3.2)

We have followed the procedures given in section 3.2 of the Tennessee small MS4 general permit to ascertain whether or not storm water discharges from the MS4 are likely to jeopardize the continued existence of any species that are listed as endangered or threatened under the ESA, or result in the adverse modification or destruction of habitat that is designated as critical under the ESA (“critical habitat”). Below is a table indicating the procedures we have followed. We retain documentation of the evaluations and decisions reached through the evaluation.

[See the permit at section 3.2 for more detailed list of evaluation criteria.]

Evaluation criteria	Yes/No	Notes
3.2.1.2.1 Criteria A: No endangered or threatened species or critical habitat in proximity to MS4 or the point where discharges reach the receiving water	No	
3.2.1.2.2 Criteria B: Formal or informal consultation with the Fish and Wildlife Service under Section 7 of the Endangered Species Act (ESA) has been concluded and that consultation addressed effects of storm water activities or resulted in a no jeopardy or not-likely-to-affect opinion.	No	
3.2.1.2.3 Criteria C: Activities are authorized under Section 10 of the ESA	No	
3.2.1.2.4 Criteria D: Evaluated the effects of storm water discharges; we do not have reason to believe the discharge and discharge-related activities will jeopardize species or cause adverse modification or destruction of critical habitat.	Yes	T&E species related to waterbodies in the MS4 were evaluated and no critical habitats are designated for these species within the MS4 watersheds.
3.2.1.2.5 Criteria E: Our storm water discharges and related activities are already addressed in another operator’s certification of eligibility. We agree to comply with conditions of that eligibility.	No	

Signed _____

Dated _____

Timothy McDonald, Program Manager, Hamilton County Water Quality Program
Printed Name and Title

VIII. Explanation of Amended or Replaced BMPs (from Part I)

The following table provides description(s) of BMPs and/or milestones we wish to amend this reporting year and subsequent years, as indicated. [Add tables as necessary.]

For every BMP that is being amended or replaced, provide the following information and analysis. The BMPs you describe here should match the ones you indicated as “Amended/Replaced” in Part I.A. of this annual report.

BMP Code: 3F Modified Milestones: Year 6	
New BMP short title:	Priority Detection Sites
New BMP description:	Same as year 5
BMP is being amended/replaced as:	Ineffective Infeasible ✓ See narrative
Expected effectiveness of new BMP:	
Why is the replacement BMP expected to achieve goals:	
BMP Milestone Year 6	Follow-up with non-stormwater discharge inspections
Narrative:	Updated list of priority sites on 5/16/2008.

BMP Code: 6C Modified Milestones:	
New BMP short title:	In-House Training Program
New BMP description:	Same as year 5
BMP is being amended/replaced as:	Ineffective Infeasible ✓ See narrative
Expected effectiveness of new BMP:	
Why is the replacement BMP expected to achieve goals:	
BMP Milestone Year 6	Continue with plan from year 4 & 5
Narrative:	Updated Training on 3/27/2009

IX. Tracking of measurable goals

For each of your BMPs, you should have established a measurable parameter, and goal in terms of that measurable parameter. Measurable parameters are ways to measure activities or effects of a BMP. The goal is the parameter value established as a target. If you are not yet measuring the parameter for a given BMP, indicate Not Applicable Yet (NAY) in the Result column.

BMP Code	BMP Title	Measurable parameter	Result	Goal
1A	School curriculum	Number of teachers taught	34	40
1B	Illicit discharge enforcement opportunities	Number of public service announcements played	Waterworks!	
1C	Construction/post construction site requirements	Number of contacts through Level I classes, Homebuilders, AIA, etc.	100	150
1D	Household hazardous wastes, pet wastes, fertilizer, pesticides, and illegal dumping	Number of people educated through website, County Fair Booth, Etc.	9126	300
1E	Contractor education for erosion control	Number of contractors and owners educated (Level I)	100	TBD
1F	Professional education for post construction program	Number of professionals educated (Level II)	50	TBD
1G	Outreach	Number of citizens educated during outreach events	50000	TBD
1H	MS4 Support Group	Number of meetings coordinated	4	4
1I	Employee Training	Number of employee training events attended.	20	TBD
2A	Hotline	Number of calls responded to	291	291
2B	Construction/post construction enforcement	Number of violations reported by public	62	TBD
2C	Illicit discharge detection	Number of illicit discharges reported by public	54	54
2D	Public Participation Opportunities	Number of surveys distributed and received	Waterworks!	
3A	System map and inventory	Stream Miles Mapped	72	72
3B	Illicit discharge detection and elimination program	Number of eliminated discharges	35	TBD
3C	Ordinance	Adopt ordinance in 8 participating communities	8	8

BMP Code	BMP Title	Measurable parameter	Result	Goal
3F	Priority detection sites	Number of industries targeted for detection procedures	17	TBD
4A	BMP Manual on erosion control	Manual has been created and/or adopted by program	1	1
4B	Ordinance for construction sites	Ordinances have been passed and implemented in all eight communities	8	8
4E	Site inspection and enforcement procedures	Number of sites inspected; number of citations issued	235/68	TBD
4F	Plans review	No. of permits issued	17	TBD
4G	Permitting	No. of Sites Permitted	17	TBD
5A	BMP Manual for post construction runoff controls	Manual has been created and/or adopted by the Program	1	1
5B	Ordinance	Adopt ordinance in 8 participating communities	8	8
5C	Total suspended solids (TSS) removal	No. of sites with TSS removal controls	6	TBD
5D	Peak discharge controls	No. of sites with peak discharge control	6	TBD
5E	Maintenance and inspection agreement with deed	No. of sites with maintenance and inspection agreements included on deed	6	TBD
5F	Buffer zone requirement	No. of sites designed with buffer zones	3	TBD
5I	Plans review	No. of permits issued	6	TBD
6A	Storm water pollution prevention plans (SWPPP) for municipal facilities	No. of municipal facilities with a SWPPP developed and implemented	151	151
6B	SRP for facilities	No. of facilities with a SRP developed and implements	151	151
6C	In-house training program	No. of employees trained for the SWPPP and SRP	215	100

Footnotes

¹ *Maximum extent practicable* (MEP) is the statutory standard that establishes the level of pollutant reductions that operators of regulated MS4s must achieve. The CWA requires that NPDES permits for discharges from MS4s “shall require controls to reduce the discharge of pollutants to the maximum extent practicable, including management practices, control techniques and system, design and engineering methods.” CWA 402(p)(3)(B)(iii).